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Deems Wiggs
Fleet Electronic Warfare Center
Navy Cyber Forces / N45

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Navy Spectrum Applications and NMCI Status

31st ANNUAL USN-USMC
SPECTRUM MANAGEMENT
CONFERENCE
1 – 5 March, 2010 San Diego, CA

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Agenda

- NNWC Data call
- NMCI Spectrum Applications
 - How to request Installation
- ONE-NET Spectrum Applications
- What's Next
 - STAM Listing
- Points of Reference
 - Spectrum Warrior

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NNWC Data Call Results

- Data Call issued to NFC, NMSC, NMCSO, and Engineering
- NNWC is the Navy POC for 11 EMC/SM applications
- It costs \$\$ to NMCI Certify the applications and maintain their currency (i.e., version updates)
 - CLIN 47 (Test Event): \$3.8K (simple) / \$6.2K (complex app)
 - CLIN 48 (Software Distribution): \$2.3K
- ONE-NET does not follow NMCI Process, separate Certification
- Primary tools will be maintained
 - AESOP, EL-CID, FARS, GMF, SCS, SXXI, SPEED
- Secondary tools; few users
 - JACS, GIANT, JEET, and JTAP

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NMCI Certification Status

Primary Tools (Certified): AESOP, EL-CID, FARS, GMF, SCS, SXXI, SPEED

DADMS (ISF Tools) View: 15 Feb 2010 // Functional Area = Information Operations

Application Description							RFS Operating System Status		
DADMS ID	USN Status	USMC Status	ISF TOOLS ID	Application Name	Acronym	Ver	OS	Status	Edited Date
48584	YES	NOT REVIEWED	115611	Afloat Electromagnetic Spectrum Operations Program	AESOP	2.0	W2K	Certified (Ready to Deploy)	3-Oct-07
							WXP		3-Oct-07
52038	YES	NOT REVIEWED	117477	Afloat Electromagnetic Spectrum Operations Program	AESOP	2.1	W2K	Certified (Ready to Deploy)	16-Nov-09
							WXP		16-Nov-09
55559	YES	YES	117674	Equipment Location - Certification Information Database	EL-CID	5.1 Rev 81	W2K	Certified (Ready to Deploy)	20-Nov-09
							WXP		20-Nov-09
31074	YES	YES	111287	Frequency Assignment Retrieval System	FARS	1.3.2	W2K	Certified (Ready to Deploy)	2-Aug-06
							WXP		6-Feb-07
29103	YES	INSUFF INFO	111251	Government Master File	GMF	2002-2.0	W2K	Certified (Ready to Deploy)	27-Mar-08
							WXP		27-Mar-08
55112	YES	NEW ADD	117372	Joint Ordnance E3 Risk Assessment Database	JOERAD	9.4	W2K	Certified (Ready to Deploy)	10-Nov-09
							WXP		10-Nov-09
29309	YES	YES	106331	Spectrum Certification Software	SCS	6.1	W2K	Certified (Ready to Deploy)	2-Aug-06
							WXP		2-Aug-06
35785	YES	YES	112671	Spectrum XX1	SXX1	4.2	W2K	Certified (Ready to Deploy)	26-Feb-08
							WXP		26-Feb-08
57327	YES	YES	118075	Spectrum XX1	SXX1	4.2.4	W2K	Not Permitted	11-Feb-10
							WXP	Certified (Ready for DSL)	11-Feb-10
41744	YES	YES	113068	Systems Planning Engineering and Evaluation Device	SPEED	10.0 Build 73	W2K	Certified (Ready to Deploy)	2-Aug-06
							WXP		2-Aug-06

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Request for Service (RFS)

- Applications approved under NMCI are installed via a Request For Service (RFS) and Move, Add, Change (MAC).
- Recent Application/Revisions approved:
 - Awaiting final approval of SXXI v4.2.4 (yellow highlight)

Integrated Solutions Framework (ISF) Tools: 15 Feb 2010

ISF TOOLS ID	DADMS ID	Application Name	Acronym	Ver	Validated Root Application (VRA) No.	Validated Root Application (VRA) Deployment Package Instance Name
117477	52038	Afloat Electromagnetic Spectrum Operations Program	AESOP	2.1	106579	W2K - L_AESOP_21_WIN WXP - L_AESOP_21_WIN
117674	55559	Equipment Location - Certification Information Database	EL-CID	5.1 Rev 81	106695	W2K - L_ELCID_5181_WIN WXP - L_ELCID_5181_WIN
117372	55112	Joint Ordnance E3 Risk Assessment Database	JOERAD	9.4	106443	W2K - L_JOERAD_94251_WIN WXP - L_JOERAD_94251_WIN
118075	57327	Spectrum XX1	SXX1	4.2.4		W2K - Not Allowed WXP - L_SPECTRUMXXI_424_A2K

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ONE-NET Certification Status

Primary Tools: AESOP, EL-CID, FARS, GMF, SCS, SXXI, SPEED



- Applications must be registered in DADMS
 - must select ONE-NET as planned network
- Most Core SM Applications are allowed for ONE-NET (Secret)
- Need your help to ensure all required apps are available to ONE-NET Users.

DADMS Report Dated: **15 Feb 2010** // ONE-NET Approval Status

DADMS ID	Application Name	Acronym	Ver	ONE-NET_S	ONE-NET_U
52038	Afloat Electromagnetic Spectrum Operations Program	AESOP	2.1	A	NA
55559	Equipment Location - Certification Information Database	EL-CID	5.1 Rev 81	P	P
31074	Frequency Assignment Retrieval System	FARS	1.3.2	A	NA
29103	Government Master File	GMF	2002-2.0	NL	NL
55112	Joint Ordnance E3 Risk Assessment Database	JOERAD	9.4	P	NL
29309	Spectrum Certification Software	SCS	6.12	A	NA
35785	Spectrum XXI	SXXI	4.2	A	NA
57327	Spectrum XXI	SXXI	4.2.4	A	A
41744	Systems Planning Engineering and Evaluation Device	SPEED	10.0 Build 73	NL	NL

A = Allowed **NA** = Not Allowed **NL** = Not Listed **P** = Planned

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What's Next

- SXXI v4.2.4 almost ready for deployment
 - Seat to Asset Mapping (STAM)
 - Yielded 101 seats
 - NNWC identified funding to push application was approved
- EL-CID Version 7.0 (Release Sep 2010)
 - Rev 5.1, STAM fell below required 60 seats
- Clean-up applications
 - Certify what we need for NMCI / ONE-NET !!
 - JACS, GIANT, JEET, and JTAP
- Push CONUS / O-CONUS Application Catalogs
 - NMCI
 - ONE-NET

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Points of Reference

NKO - Application Catalog

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- Spectrum Management Community of Practice (SM COP)
 - Status of E3/SM Applications, DADMS, NMCI & ONE-NET
 - E3/SM Applications Catalog – Combined view with descriptions
 - Source: NKO Webpage: Organizations & Communities >> Communities of Practice >> Spectrum Management

The screenshot displays the NKO website interface. At the top, there's a header with the N@VY Knowledge Online logo, a welcome message to Paulo Perini, and search fields for white pages and site content. Below the header is a navigation bar with tabs for Career Management, Personal Development, Leadership, Learning, and Reference. The main content area is titled 'Spectrum Management Welcome' and features two circular logos: the Naval Network Warfare Command and the Navy and Marine Corps Spectrum Center. The text describes the mission of the SM COP as a training resource for naval personnel. A sidebar on the left lists various information dominance topics, including CID Domain POCs, CID Communities of Practice (CoP), and CID CT/IT Resources. On the right, there's a 'SM Tool Box' section with a 'Refs & Websites' link, which leads to a list of references including DoDD 3222.3, DoDD 4650.1, DoD Instruction 5000.02, and OPNAV 2400.20F.

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Spectrum Warrior "Featured Personality"



- Mr. Jones was recognized as Employee of the Quarter for Navy Marine Corps Spectrum office (NMCSO) 3rd quarter and is assigned to the NMCSO CENT Bahrain.
- Mr. Jones is assigned as the Chief in Charge for the NMCSO CENT office consisting of three civilian and two military spectrum managers.
- Specific duties include: Develops and maintain CSG, ARG, U.S./Coalition OPTASK COMM plans. Assign and maintain Tactical Air Navigation/Land Launch/Homer frequencies. Maintain and update C5F RADAR Restrictions. Process frequency requirements into CENTCOM JFMO and AFRICOM JFMO. Represent CUSNC/C5F as members of the U.S. Delegation to the semi-annual GCC member States and Department of Defense Radar Interference and Frequency Coordination Conferences. Host U.S. only preparatory portion of the bi-annual GCC EMI resolution working group. Brief all EMI reports and spectrum supportability requirements at regional bi-annual GCC conferences.
- Read complete biography on-line.

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Contact Information

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Links

- Electronic Warfare/Spectrum Dominance CAS site (SIPR)
<http://205.0.132.75/don/so/site.nsf/>
- NKO Spectrum Management Community of Practice (NIPR)
<https://wwwa.nko.navy.mil/portal/home>
>>Organizations & Communities>>Communities of Practice>>Spectrum Management
- NNWC Spectrum Management SharePoint site (NIPR – CAC required)
<https://www.portal.navy.mil/netwarcom/N3/ewsd/spectrum/default.aspx>

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